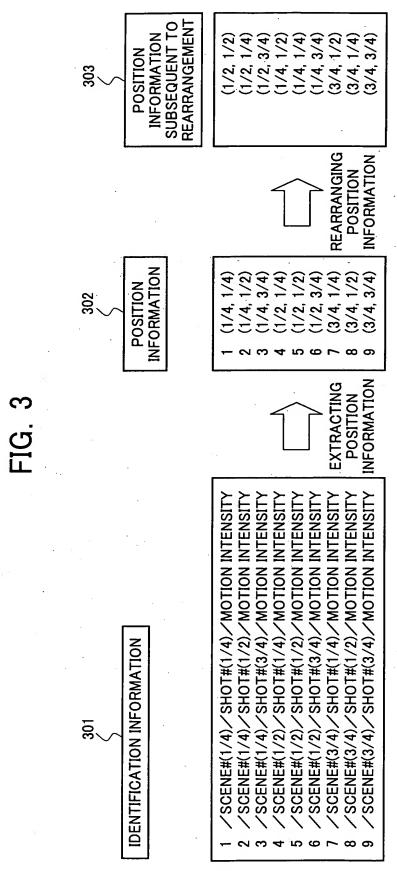


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FIG. 4A

/8+3/8+5/8+1/8+ /2→1/4→3/4→1/

(ii) DIRECTION TO LARGER VALUE 1/2 5/32 7/32 9/32 11/32 13/32 15/32 1/4 (i) DIRECTION TO HIGHER RESOLUTION

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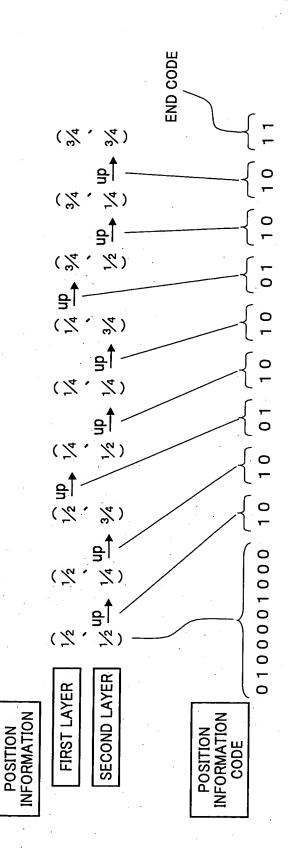
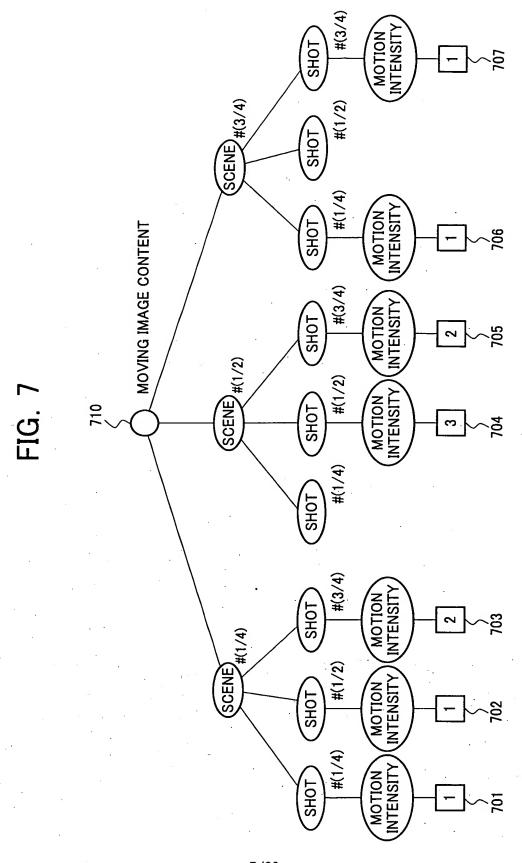
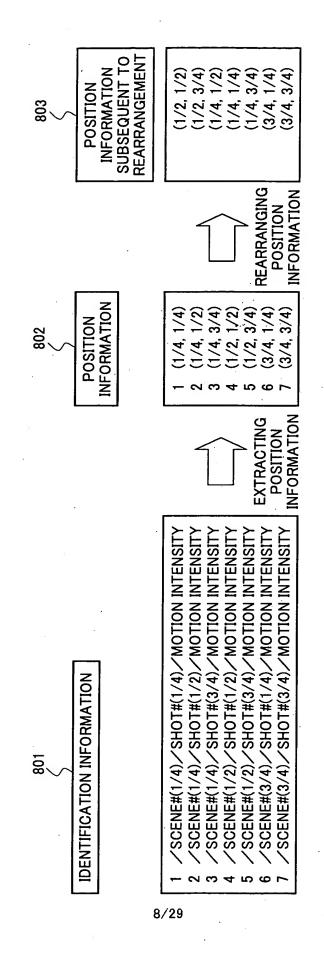


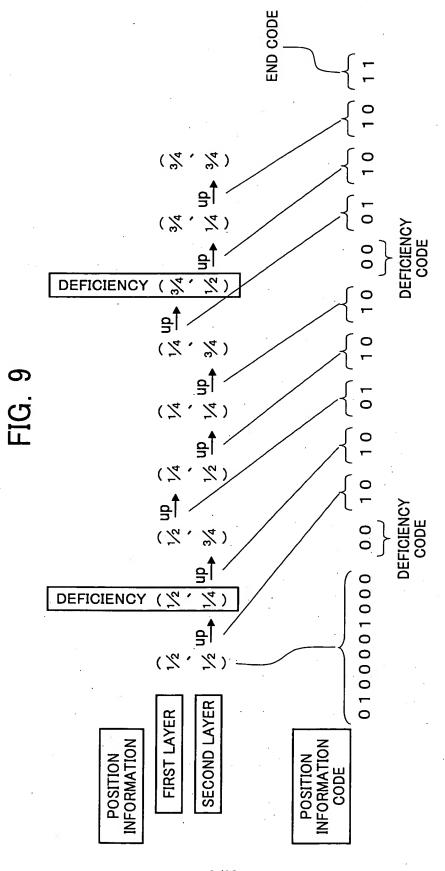
FIG. 6

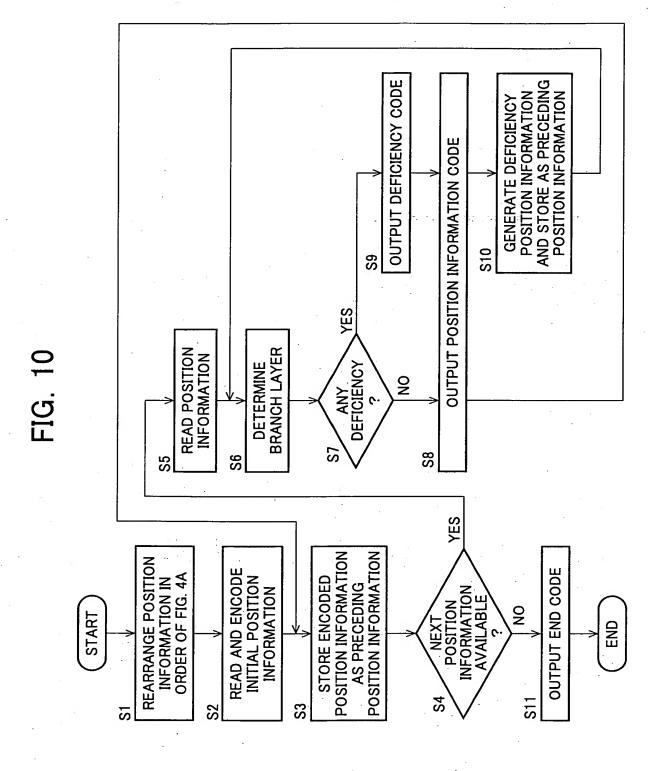
| CODE (BINARY NOTATION) | MEANING OF CODE | | |
|------------------------|--|--|--|
| 00 | DEFICIENCY CODE | | |
| 01 | INCREASE IN FIRST LAYER (INITIAL VALUE SET IN LOWER LAYER) | | |
| 10 | INCREASE IN SECOND LAYER | | |
| 11 | END CODE | | |

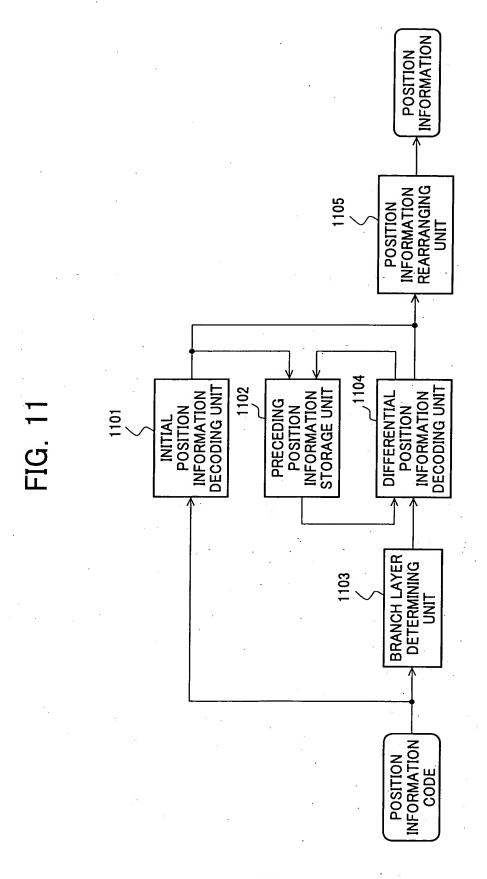


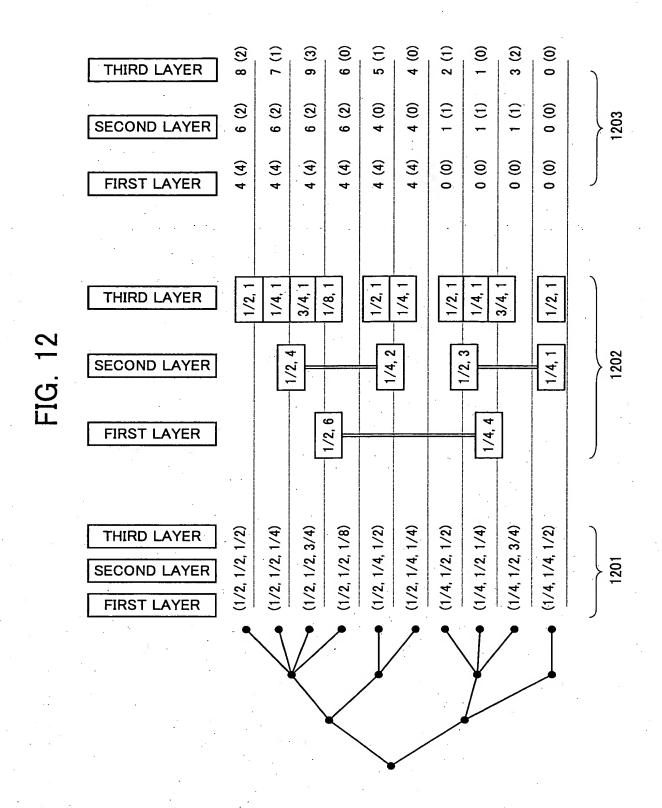
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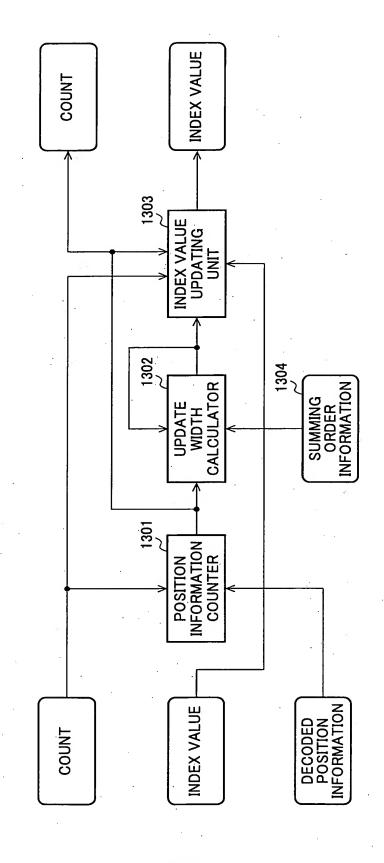












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FIG. 14

1401 ~/

| DECODING ORDER (COUNTING ORDER) | DECODED VALUE | COUNT | SUMMING ORDER |
|------------------------------------|------------------|------------------|------------------|
| . 1 | 1/2 | M ₁ | . 2 |
| .2 | 1/4 | . M ₂ | 1 |
| 3 | 3/4 | M ₃ | 3 |

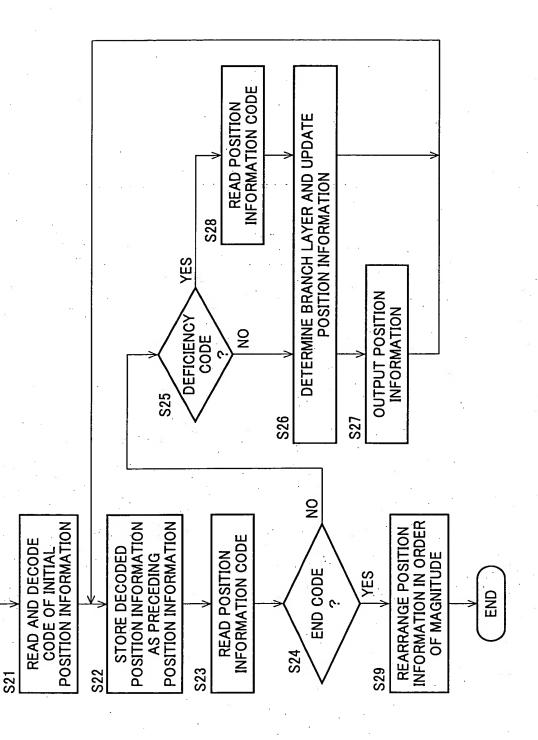
FIG.15

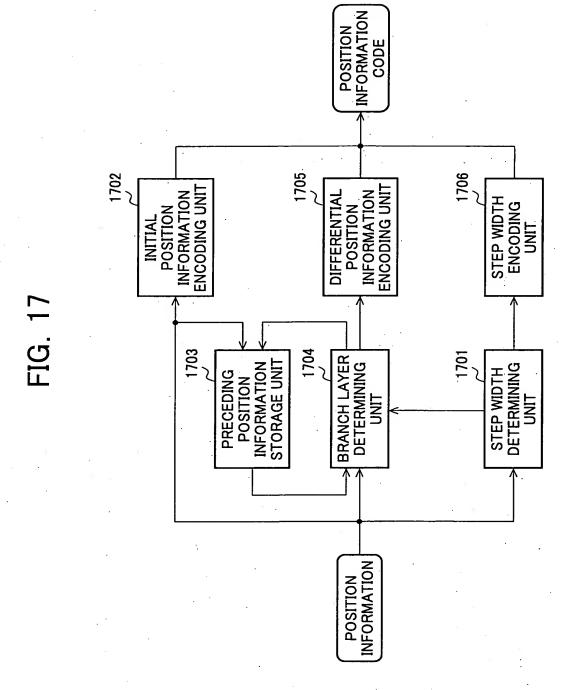
1501

| DECODING ORDER (COUNTING ORDER) | DECODED VALUE | COUNT | SUMMING ORDER |
|------------------------------------|------------------|----------------|------------------|
| 1 | 1/2 | M 1 | 4 |
| 2 | 1/4 | M. 2 | 2 |
| 3 | 3/4 | M ₃ | 6 |
| 4 | 1/8 | M 4 | 1 |
| .5 | 3/8 | M ₅ | 3 |
| 6 | 5/8 | М _в | 5 |
| 7 | 7/8 | M ₇ | 7 |

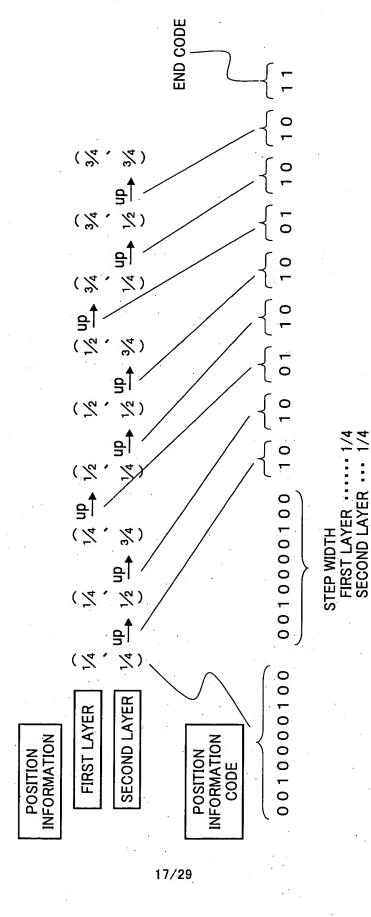


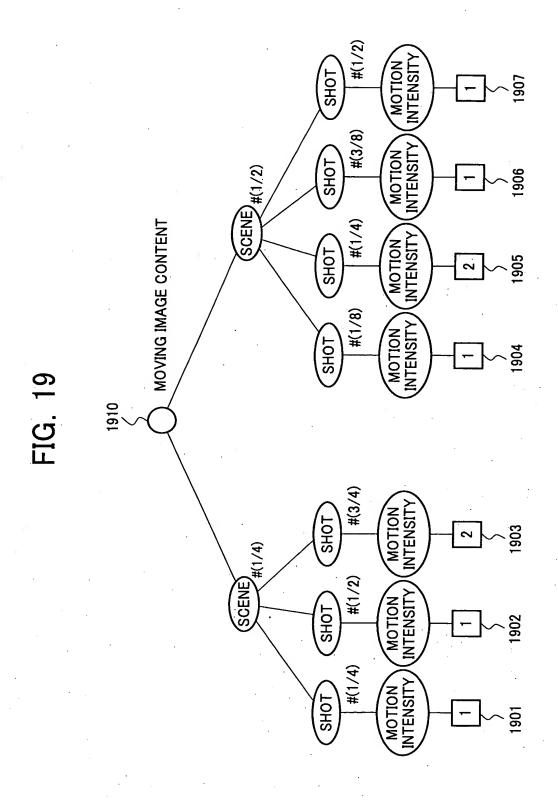
START





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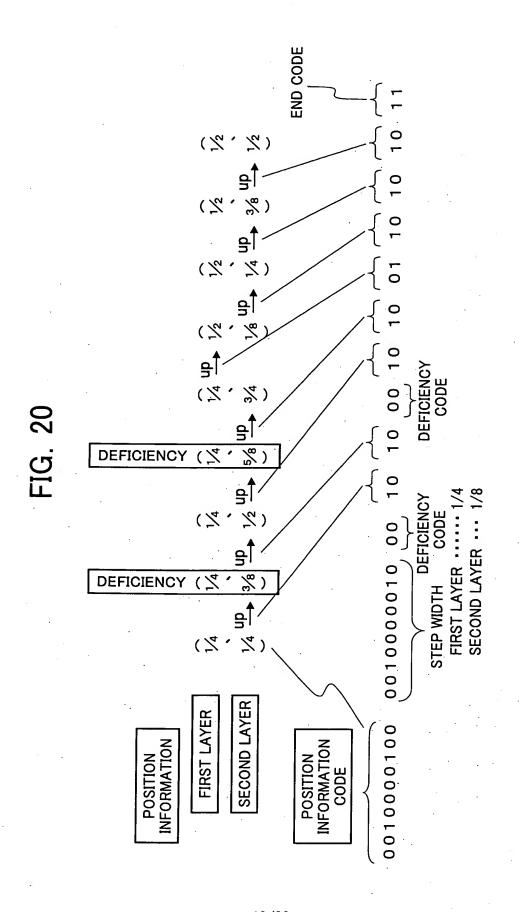
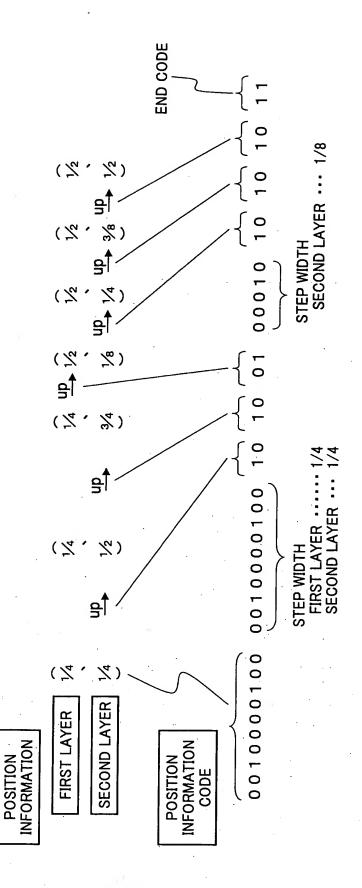
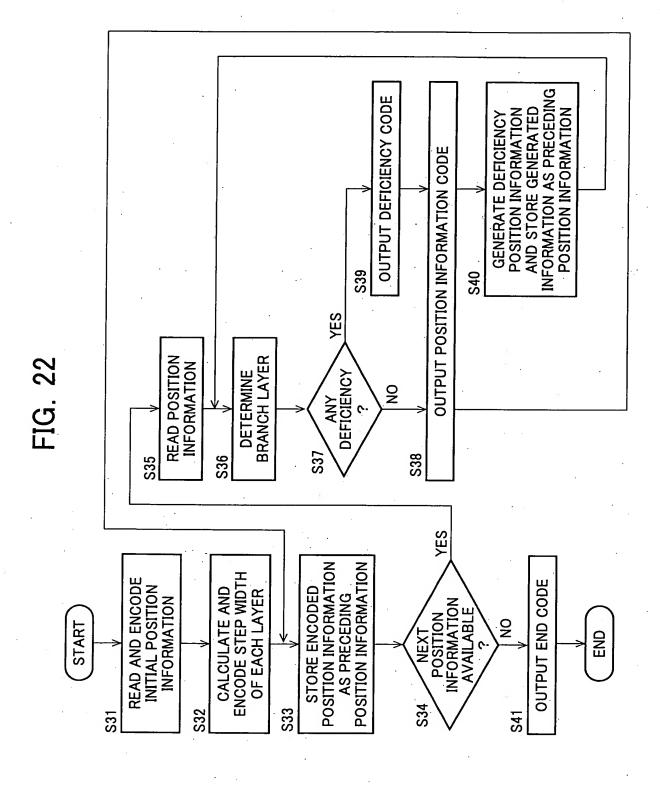
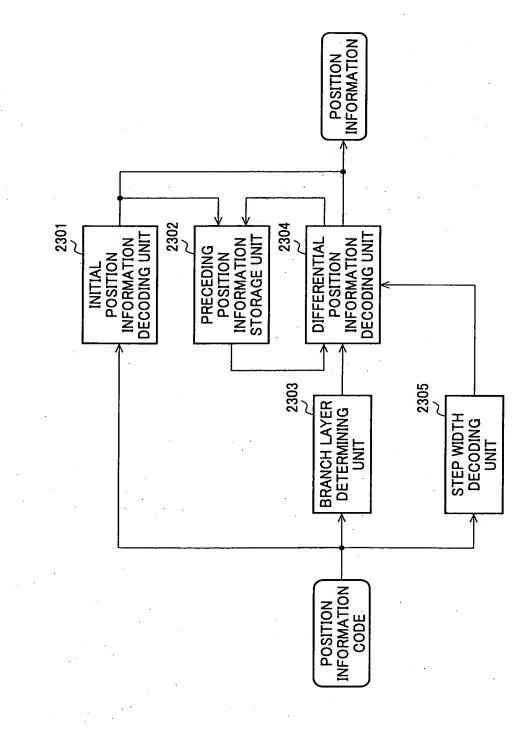


FIG. 21







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FIG. 24

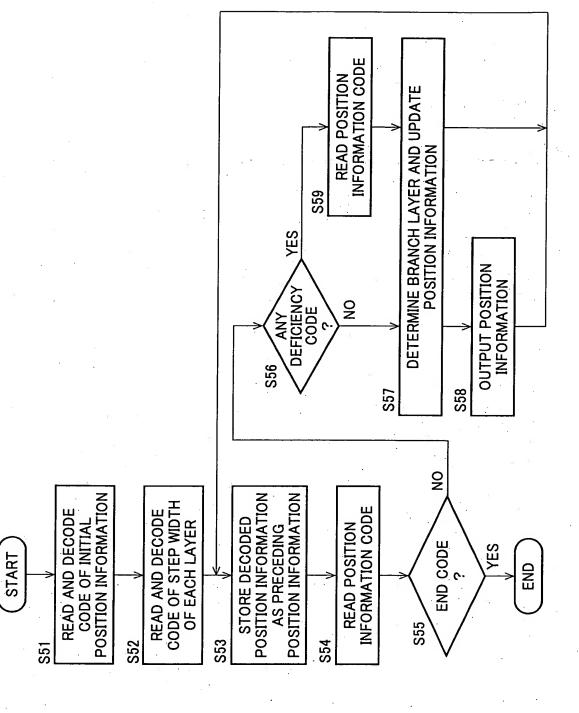
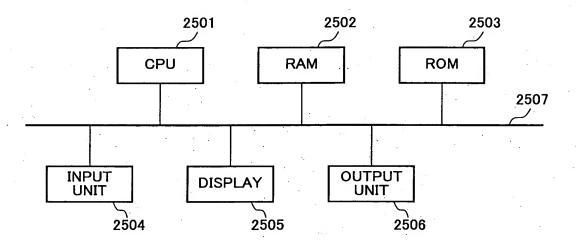
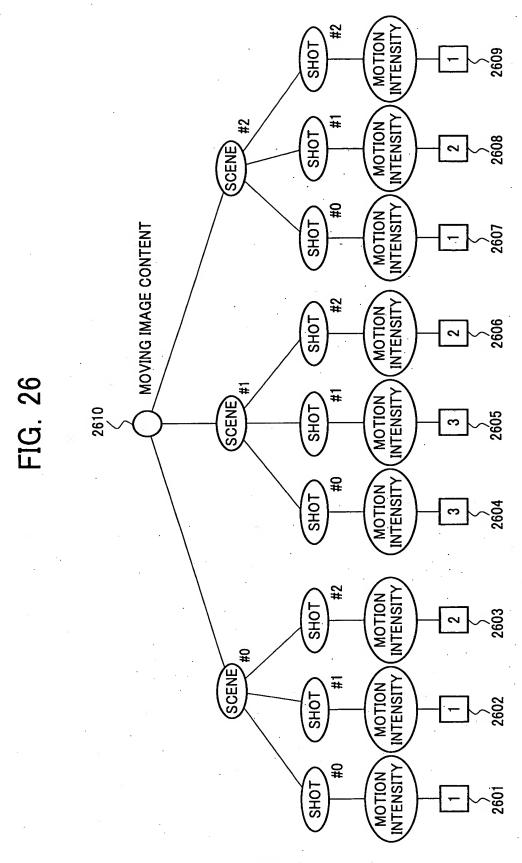
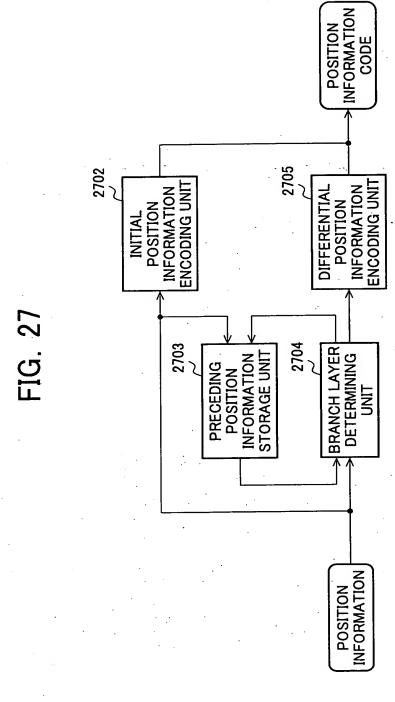


FIG. 25





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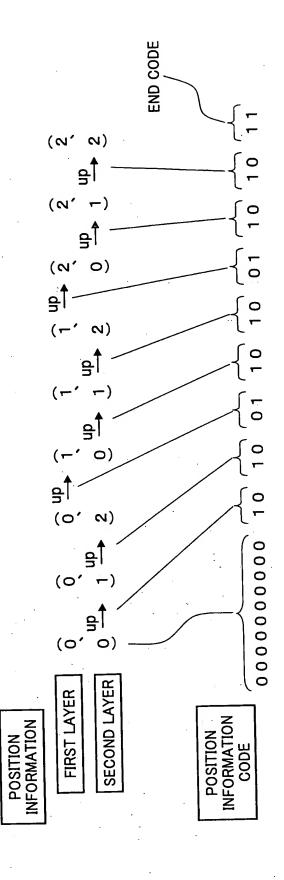


FIG. 28

FIG. 29

| CODE (BINARY NOTATION) | MEANING OF CODE | |
|---------------------------|--|--|
| 01 | INCREASE BY ONE IN FIRST LAYER (LOWER LAYER SET TO INITIAL VALUE 0) | |
| 10 | INCREASE BY ONE IN SECOND LAYER | |
| 11 | END CODE | |

